

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,643,029 B2  
APPLICATION NO. : 10/774315  
DATED : January 5, 2010  
INVENTOR(S) : Ming C. Hao et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 9, line 8, in Claim 1, delete “chaff” and insert -- chart --, therefor.

In column 9, line 46, in Claim 10, delete “chaff” and insert -- chart --, therefor.

In column 10, line 36, in Claim 17, after “the” delete “a”.

Signed and Sealed this

Twenty-seventh Day of April, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos  
*Director of the United States Patent and Trademark Office*